

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2016 Air Force										Date: February 2015		
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft							P-1 Line Item Number / Title: F03500 / F-35 Modifications					
ID Code (A=Service Ready, B=Not Service Ready) :				Program Elements for Code B Items: 0207142F				Other Related Program Elements: 0604800F				
Line Item MDAP/MAIS Code: 198			Item MDAP/MAIS Code(s):									
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	85.325	123.916	187.646	70.167	-	70.167	310.237	294.229	260.071	259.791	-	1,591.382
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	85.325	123.916	187.646	70.167	-	70.167	310.237	294.229	260.071	259.791	-	1,591.382
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	85.325	123.916	187.646	70.167	-	70.167	310.237	294.229	260.071	259.791	-	1,591.382
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The F-35 Joint Strike Fighter (JSF) Program will develop and deploy a family of highly common, affordable, next generation, stealthy, multi-role strike fighters that meet the needs of multiple services and countries. The United States Air Force F-35A Conventional Takeoff and Landing (CTOL) correction of deficiencies effort provides near and long term improvements to the fleet, focusing on documented deficiencies related to safety, maintainability, and aircraft systems. These modifications and selected component changes are being accomplished by field and depot retrofit. In order to meet emerging deficiencies the airframe and integrated systems must be modified as critical corrections/changes are identified. Funds will be used to manage, prepare, process and incorporate concurrency changes to sustain and improve CTOL system operations. Concurrency changes are implemented to coincide with resources and aircraft availability.

Block upgrades provide more robust performance in navigation, weapons, avionics, survivability, maneuverability, maintainability, and mission deployment of the F-35A CTOL platform. This modification program will bring early production aircraft and integrated systems to a common fleet configuration as fielded capabilities evolve over the course of the F-35 program.

The requested modification funding enables several distinct efforts pertaining to the Air Force F-35A CTOL aircraft to include post DD-250 concurrency retrofits, block upgrades for F-35A CTOLs, and upgrading hardware and software components to a full Block 3F configuration. The focus of the modification funding requested in the 2016 President's Budget is the first (concurrency) and third (Block 3i) efforts.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES

The overlap of development with production and operations results in the need to manage a concurrency program and conduct retrofits on jets with life-limited parts or impacts to capabilities. For the F-35 program, concurrency phases out with the completion of SDD.

Funding for this exhibit contained in PE 0207142F.

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Exhibit P-40, Budget Line Item Justification: PB 2016 Air Force							Date: February 2015	
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft					P-1 Line Item Number / Title: F03500 / F-35 Modifications			
ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items: 0207142F			Other Related Program Elements: 0604800F		
Line Item MDAP/MAIS Code: 198			Item MDAP/MAIS Code(s):					

Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / Block 2B OT Upgrade (Capability Improvement)	P-40a***		- / 11.093	- / -	- / 0.861	- / -	- / -	- / -
2 / Block 3F LRIP 6-8 Upgrade (Capability Improvement)	P-40a***		- / -	- / -	- / -	- / -	- / -	- / -
1 / Block 3i LRIP 2-5 Upgrade (Capability Improvement)	P-3a		- / -	- / 63.420	- / 81.695	- / 44.797	- / -	- / 44.797
2 / Block 3F LRIP 2-5 Upgrade (Capability Improvement)	P-3a		- / -	- / -	- / -	- / 6.990	- / -	- / 6.990
3 / Concurrency (Other)	P-3a		- / 74.232	- / 60.496	- / 105.090	- / 18.380	- / -	- / 18.380
Total Gross/Weapon System Cost			- / 85.325	- / 123.916	- / 187.646	- / 70.167	- / -	- / 70.167

Exhibits Schedule			FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / Block 2B OT Upgrade (Capability Improvement)	P-40a***		- / -	- / -	- / -	- / -	- / -	- / 11.954
2 / Block 3F LRIP 6-8 Upgrade (Capability Improvement)	P-40a***		- / -	- / 2.856	- / -	- / -	- / -	- / 2.856
1 / Block 3i LRIP 2-5 Upgrade (Capability Improvement)	P-3a		- / 75.523	- / 2.117	- / 2.971	- / -	- / -	- / 270.523
2 / Block 3F LRIP 2-5 Upgrade (Capability Improvement)	P-3a		- / 0.306	- / 2.040	- / 0.255	- / -	- / -	- / 9.591
3 / Concurrency (Other)	P-3a		- / 234.408	- / 287.216	- / 256.845	- / 259.791	- / -	- / 1,296.458
Total Gross/Weapon System Cost			- / 310.237	- / 294.229	- / 260.071	- / 259.791	- / -	- / 1,591.382

*** Although this is an Exhibit P-40a item, the actual exhibit is not included since all of the required information for this item is already being shown here.

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
Where applicable, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-3a, Individual Modification: PB 2016 Air Force		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2	P-1 Line Item Number / Title: F03500 / F-35 Modifications	Modification Number / Title: 1 / Block 3i LRIP 2-5 Upgrade

Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	63.420	81.695	44.797	-	44.797	75.523	2.117	2.971	-	-	270.523
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	63.420	81.695	44.797	-	44.797	75.523	2.117	2.971	-	-	270.523
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	63.420	81.695	44.797	-	44.797	75.523	2.117	2.971	-	-	270.523

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The block upgrade program retrofits United States Air Force F-35A Conventional Takeoff and Landing (CTOL) aircraft and integrated systems procured under the Low Rate Initial Production (LRIP) contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration. This effort (MN-F3513) focuses on upgrading Blocks 1B, 2A, and 2B aircraft from LRIPs 2-5 to a Block 3i configuration. Block 3i is a stepping stone to a Block 3F configuration. It includes the procurement of upgraded hardware required for the Block 3i configuration. The long-lead parts include new radar modules, new Integrated Core Processor (ICP) modules and rack, and new Electronic Warfare (EW) modules. Changes will be tested and approved prior to installation in the F-35 aircraft. Non-recurring engineering (NRE) is being performed using RDT&E, AF funds, and will be complete in FY14.

Milestone/Development Status

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES

Block 3i fleet release is planned to occur by 3rd Qtr FY15. Modification kits will be procured based on flight test results.

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Exhibit P-3a, Individual Modification: PB 2016 Air Force								Date: February 2015				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2				P-1 Line Item Number / Title: F03500 / F-35 Modifications				Modification Number / Title: 1 / Block 3i LRIP 2-5 Upgrade				
Models of Systems Affected: F-35A			Modification Type: Capability Improvement					Related RDT&E PEs: 0604800F				
Financial Plan	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Modification Item 1 of 1: Block 3i												
B Kits												
Recurring												
Block 3i:EQUIPMENT Group B (Active)	- / -	11 / 43.861	13 / 61.143	9 / 44.797	- / -	9 / 44.797	12 / 56.042	- / -	- / -	- / -	- / -	45 / 205.843
Subtotal: Recurring	- / -	- / 43.861	- / 61.143	- / 44.797	- / -	- / 44.797	- / 56.042	- / -	- / -	- / -	- / -	- / 205.843
Subtotal: Block 3i	- / -	- / 43.861	- / 61.143	- / 44.797	- / -	- / 44.797	- / 56.042	- / -	- / -	- / -	- / -	- / 205.843
Subtotal: Procurement, All Modification Items	- / -	- / 43.861	- / 61.143	- / 44.797	- / -	- / 44.797	- / 56.042	- / -	- / -	- / -	- / -	- / 205.843
Support (All Modification Items)												
SIM/TRAINER	- / -	- / 6.396	- / 6.588	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.984
Mod of Spares	- / -	- / 13.163	- / 13.964	- / -	- / -	- / -	- / 14.383	- / -	- / -	- / -	- / -	- / 41.510
Subtotal: Support	- / -	- / 19.559	- / 20.552	- / -	- / -	- / -	- / 14.383	- / -	- / -	- / -	- / -	- / 54.494
Installation												
Modification Item 1 of 1: Block 3i	- / -	- / -	- / -	- / -	- / -	- / -	24 / 5.098	9 / 2.117	12 / 2.971	- / -	- / -	45 / 10.186
Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -	24 / 5.098	9 / 2.117	12 / 2.971	- / -	- / -	45 / 10.186
Total												
Total Cost (Procurement + Support + Installation)	-	63.420	81.695	44.797	-	44.797	75.523	2.117	2.971	-	-	270.523

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Exhibit P-3a, Individual Modification: PB 2016 Air Force																			Date: February 2015												
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2										P-1 Line Item Number / Title: F03500 / F-35 Modifications										Modification Number / Title: 1 / Block 3i LRIP 2-5 Upgrade											
Modification Item 1 of 1: Block 3i																															
Manufacturer Information																															
Manufacturer Name: Lockheed Martin															Manufacturer Location: Fort Worth																
Administrative Leadtime (in Months): 5															Production Leadtime (in Months): 20																
Dates		FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020					
Contract Dates		Mar 2015				Mar 2015				Mar 2016				Mar 2017																	
Delivery Dates		Nov 2016				May 2017				Nov 2017				Nov 2018																	
Installation Information																															
Method of Implementation: Contract Field Team																															
Installation Cost		Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total		FY 2017		FY 2018		FY 2019		FY 2020		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
Prior Years		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		- / -	- / -		- / -		- / -		- / -		- / -		11 / 2.129		- / -		- / -		- / -		- / -		11 / 2.129								
FY 2015		- / -	- / -		- / -		- / -		- / -		- / -		13 / 2.969		- / -		- / -		- / -		- / -		13 / 2.969								
FY 2016		- / -	- / -		- / -		- / -		- / -		- / -		- / -		9 / 2.117		- / -		- / -		- / -		9 / 2.117								
FY 2017		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 2.971		- / -		- / -		12 / 2.971								
FY 2018		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2019		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2020		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		- / -	- / -		- / -		- / -		- / -		- / -		24 / 5.098		9 / 2.117		12 / 2.971		- / -		- / -		45 / 10.186								
Installation Schedule																															
	PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	6	5	7	6	2	2	2	3	3	3	3	3	-	-	-	-	-	45
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	6	5	7	6	2	2	2	3	3	3	3	3	-	-	-	-	-	45

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Exhibit P-3a, Individual Modification: PB 2016 Air Force								Date: February 2015				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2				P-1 Line Item Number / Title: F03500 / F-35 Modifications					Modification Number / Title: 2 / Block 3F LRIP 2-5 Upgrade			

Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	6.990	-	6.990	0.306	2.040	0.255	-	-	9.591
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	-	6.990	-	6.990	0.306	2.040	0.255	-	-	9.591
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	6.990	-	6.990	0.306	2.040	0.255	-	-	9.591
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The block upgrade program retrofits United States Air Force F-35A Conventional Takeoff and Landing (CTOL) aircraft and integrated systems procured under the Low Rate Initial Production (LRIP) contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration. This effort (MN-F3514) focuses on the Block 3F configuration upgrade effort for 45 LRIP 2-5 CTOL aircraft and integrated systems. Ten CTOL aircraft will be upgraded to Block 3F Fleet Release in two phases: first phase will install Block 3F software, which will be followed by hardware modifications in the upgrade second phase. Purchases all necessary software and installation labor to ensure all LRIP 2-5 CTOL aircraft are upgraded to a Block 3F baseline for full warfighting capability. Changes will be tested and approved prior to installation in the F-35 aircraft. Non-recurring engineering (NRE) is being performed using RDT&E, AF funds, and will be complete in FY15.

Milestone/Development Status

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES

Block 3F fleet release is planned to occur by 4th Qtr FY17. Modification kits will be procured based on flight test results.

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2016 Air Force								Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2				P-1 Line Item Number / Title: F03500 / F-35 Modifications				Modification Number / Title: 2 / Block 3F LRIP 2-5 Upgrade					
Models of Systems Affected: F-35A				Modification Type: Capability Improvement				Related RDT&E PEs: 0604800F					
Financial Plan	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Modification Item 1 of 1: Block 3F													
B Kits													
Recurring													
Block 3F:EQUIPMENT Group B (Active)	- / -	- / -	- / -	4 / 0.004	- / -	4 / 0.004	6 / 0.006	40 / 0.040	5 / 0.005	- / -	- / -	55 / 0.055	
Subtotal: Recurring	- / -	- / -	- / -	- / 0.004	- / -	- / 0.004	- / 0.006	- / 0.040	- / 0.005	- / -	- / -	- / 0.055	
Subtotal: Block 3F	- / -	- / -	- / -	- / 0.004	- / -	- / 0.004	- / 0.006	- / 0.040	- / 0.005	- / -	- / -	- / 0.055	
Subtotal: Procurement, All Modification Items	- / -	- / -	- / -	- / 0.004	- / -	- / 0.004	- / 0.006	- / 0.040	- / 0.005	- / -	- / -	- / 0.055	
Support (All Modification Items)													
SIM/TRAINER	- / -	- / -	- / -	4 / 6.786	- / -	4 / 6.786	- / -	- / -	- / -	- / -	- / -	4 / 6.786	
Subtotal: Support	- / -	- / -	- / -	4 / 6.786	- / -	4 / 6.786	- / -	- / -	- / -	- / -	- / -	4 / 6.786	
Installation													
Modification Item 1 of 1: Block 3F	- / -	- / -	- / -	4 / 0.200	- / -	4 / 0.200	6 / 0.300	40 / 2.000	5 / 0.250	- / -	- / -	55 / 2.750	
Subtotal: Installation	- / -	- / -	- / -	4 / 0.200	- / -	4 / 0.200	6 / 0.300	40 / 2.000	5 / 0.250	- / -	- / -	55 / 2.750	
Total													
Total Cost (Procurement + Support + Installation)	-	-	-	6.990	-	6.990	0.306	2.040	0.255	-	-	9.591	

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Exhibit P-3a, Individual Modification: PB 2016 Air Force										Date: February 2015																					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2										P-1 Line Item Number / Title: F03500 / F-35 Modifications										Modification Number / Title: 2 / Block 3F LRIP 2-5 Upgrade											
Modification Item 1 of 1: Block 3F																															
Manufacturer Information																															
Manufacturer Name: Lockheed Martin															Manufacturer Location: Fort Worth																
Administrative Leadtime (in Months): 4															Production Leadtime (in Months): 3																
Dates		FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020					
Contract Dates										Jan 2016				Oct 2016				Oct 2017				Oct 2018									
Delivery Dates										Apr 2016				Jan 2017				Jan 2018				Jan 2019									
Installation Information																															
Method of Implementation: Depot Field Team																															
Installation Cost		Prior Years		FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total		FY 2017		FY 2018		FY 2019		FY 2020		To Complete		Total							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		4 / 0.200		- / -		4 / 0.200		- / -		- / -		- / -		- / -		- / -		- / -		4 / 0.200					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.300		- / -		- / -		- / -		- / -		- / -		6 / 0.300					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		40 / 2.000		- / -		- / -		- / -		- / -		40 / 2.000					
FY 2019		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5 / 0.250		- / -		- / -		- / -		5 / 0.250					
FY 2020		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		- / -		4 / 0.200		- / -		4 / 0.200		6 / 0.300		40 / 2.000		5 / 0.250		- / -		- / -		- / -		55 / 2.750					
Installation Schedule																															
	PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	4	-	-	6	-	-	-	13	14	13	-	5	-	-	-	-	-	-	-	55
Out	0	-	-	-	-	-	-	-	-	-	-	4	-	-	6	-	-	-	13	14	13	-	5	-	-	-	-	-	-	-	55

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Exhibit P-3a, Individual Modification: PB 2016 Air Force								Date: February 2015			
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	74.232	60.496	105.090	18.380	-	18.380	234.408	287.216	256.845	259.791	-	1,296.458
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	74.232	60.496	105.090	18.380	-	18.380	234.408	287.216	256.845	259.791	-	1,296.458
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	74.232	60.496	105.090	18.380	-	18.380	234.408	287.216	256.845	259.791	-	1,296.458
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This effort (MN-F3516) funds retrofits due to concurrency changes to correct deficiencies discovered after DD-250 of the last aircraft in a given Low Rate Initial Production (LRIP) lot. This includes modifications required to extend aircraft service life currently limited by low-life parts, and relieve capability limitations driven by concurrency of production with development. The concurrency funding line will procure the highest priority modifications from the Tri-Service Modification Prioritization List, as soon as they become supportable from an engineering, production, and installation standpoint. The list is vetted by the Services and Partners every 6 months to ensure the list accurately reflects existing requirements as well as emerging issues. Per-kit costs will vary for each modification being implemented, and in some cases will also vary for aircraft from different LRIP lots to implement an individual modification. For FY16, the highest priority modifications will directly support USAF IOC, Block 3i, and tactics development. The following modifications will be the highest priorities for accomplishment throughout the F-35A CTOL fleet using funds from this Budget Activity.

TI Number Mod CR Title
 TI-0000-1089 CR-021694 LRIP 3 Aux Air Inlet (AAI) Door Install
 TI-0000-1324 CR-022656 Structural Cracking of Aft MLG Door Drive Link U-Joint
 TI-0000-0116 CR-011738B Full Qualified Clutch Cooling Fan
 TI-0000-0367 CR-014114C Engine Trailer Adapter Kit - FS556 Interface, J27006/J27007
 TI-0000-0121 CR-014289B Lift Fan Exhaust/Inboard Weapon Bay Door Interference
 TI-0000-0396 CR-014289C WBDD Limit Life, ECU
 TI-0000-0655 CR-014819D EO DAS Center Fuselage Vibration Testing
 TI-0000-0373 CR-015026B Aux Air Inlet Lock Actuation Mechanism
 TI-0000-0423 CR-016270C Bleed Air System Ducting Design
 TI-0000-0099 CR-017502 J75503 Wrap Around Adapter Set
 TI-0000-0683 CR-017534&B Rev-HT Bearing Issues
 TI-0000-0463 CR-017913B Support-Fairing, Mid, LH/RH
 TI-0000-0058 CR-018274 Back-Up Radio Tray Clearance
 TI-0000-0968 CR-018524 Material Removal Allowance for IPP Blocker and Screen
 TI-0000-0027 CR-018524A IPP Exhaust (STOVL)
 TI-0000-0138 CR-018564B Wingtip Light Improvement For FAA Compliance
 TI-0000-0825 CR-022768D LEF Improvements
 TI-0000-0031 CR-018835 Nose Wheel Steering (NWS) Motor
 TI-0000-0015 CR-018836 Stress Failure of Hydraulic Tube Support Bracket
 TI-0000-0063 CR-018838A Bootstrap Accumulator Redesign

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Exhibit P-3a, Individual Modification: PB 2016 Air Force		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2	P-1 Line Item Number / Title: F03500 / F-35 Modifications	Modification Number / Title: 3 / Concurrency
TI-0000-0045 CR-019003 CTOL/STOVL MLG SDD & LRIP Part Number Rolls TI-0000-0056 CR-019004B IPP Controller Part Number Roll TI-0000-0057 CR-019005 STOVL GO3 Control Valve Part Number Roll TI-0000-0117 CR-019107 CTOL Trestle Inst Cotter Pin TI-0000-0165 CR-019135B R3 Float Valve with Mechanical Thread Locking TI-0000-0231 CR-019340B PTMS EHA Cooling Orifices - CTOL & STOVL TI-0000-0101 CR-023102A Lift Fan Inlet Door Full Qualification Part Number Roll TI-0000-0245 CR-019469C Antenna Switch Unit TI-0000-0264 CR-019516A PTMS Controller TI-0000-0124 CR-019533 Controller, Motor Pump Qual Failure (GMMP) TI-0000-0561 CR-019683E STOVL FS 496 Bulkhead Trunnion TI-0000-0280 CR-019841 Cockpit Panels Pushbutton Switch Simultaneity TI-0000-0398 CR-019930C Arresting Hook Aft Door Spring Damper Part Number Roll TI-0000-0375 CR-019979 STOVL IRCM Doors Bushing to Lug Interference TI-0000-0208 CR-020003A CTOL Arresting Gear Push Rods TI-0000-0424 CR-020066A Firewall Shutoff Valve Part Number Roll TI-0000-0477 CR-020097A CTOL EHAS Panels TI-0000-0875 CR-020189 CV Main Landing Gear Retract Actuator TI-0000-0130 CR-020289 Emergency Control Valve Qual Failure TI-0000-0575 CR-020289A ULF & 3BSD Emergency Control Valve TI-0000-0608 CR-020396D Fwd Upper Engine Mount (CTOL) TI-0000-0456 CR-020396D Bulkhead - FS 450 TI-0000-0457 CR-020396D Bulkhead - FS 472 TI-0000-0458 CR-020396D Bulkhead - FS 518 (Upper) TI-0000-0460 CR-020396D Bulkhead - FS 556 TI-0000-0432 CR-020397A Short Life - CTOL Wing Forward Root Rib TI-0000-0602 CR-020398A Brake Control Unit (BCU) TI-0000-0538 CR-020593 EHA Flaperon Support Equipment Locations TI-0000-0363 CR-020636A TRS Component Changes from Qual Test Failures TI-0000-0412 CR-020680B Wing Lighting Controller Salt Fog Failure TI-0000-0331 CR-020725 WBDDS RGAs Limited Life - Change Request Approval TI-0000-0654 CR-020726A IDMS Connector Ref Des Swap TI-0000-0673 CR-020743B Ordnance Quick Latch System (OQLS) Clip Lock TI-0000-0137 CR-020793 Pump, Motor GND Maint Qual Failure TI-0000-0132 CR-020907B Valve, Mechanical Sequence - T Qual Failure TI-0000-0811 CR-021167A 2WSH54239: CV Rear Spar TI-0000-0810 CR-021168 2WSH64241: CV Frame TI-0000-0817 CR-021170 2WSH44162: CV RH Tail Hook Longerons TI-0000-0631 CR-021180 Countermeasures Doors & NNMSB/WSESRB Concerns TI-0000-0263 CR-021181 Power Panel 1, 2, 3 TI-0000-0544 CR-021194 Limited Life STOVL Mid Fairing Longerons TI-0000-0558 CR-021194 Short Life Parts: Keel Beam RH TI-0000-0559 CR-021194 Short Life Parts: NLG Drag Brace Ftg TI-0000-0566 CR-021194 Short Life Parts: Support, Otbd, FS 502.65 LH/RH TI-0000-0617 CR-021194 Limited Life STOVL STA 3/9 Aft Rib TI-0000-0545 CR-021217 Limited Life STOVL Nacelle Vent Inlet		

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Exhibit P-3a, Individual Modification: PB 2016 Air Force		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2	P-1 Line Item Number / Title: F03500 / F-35 Modifications	Modification Number / Title: 3 / Concurrency
TI-0000-0564 CR-021217 STOVL Forward Root Rib (L6/U6) TI-0000-0808 CR-021259 Weapons Bay Door Uplock Sealing TI-0000-0098 CR-022768D CTOL Nose Landing Gear TI-0000-0910 CR-021395A PCD EU Cooling Rework TI-0000-0607 CR-021434 Limited Life CTOL STA 3/9 Aft Rib TI-0000-0135 CR-021459B Engine Driven Pump Life Limit TI-0000-0895 CR-021557A Arm Disable Current Leakage Path Correction TI-0000-0848 CR-021621 2CSH20930 Splice, Fuel Floor/Root Rib, FS 402, RHS/LHS TI-0000-0377 CR-021694 Aux Air Inlet Door Redesign TI-0000-0845 CR-021891 CV VT Aft Moment Fitting Life Limited Structures Part TI-0000-0626 CR-021905A SMSFRIU SDD/LRIP Arm Disable Input TI-0000-0998 CR-021915B CTOL and CV Refuel System Mod TI-0000-0897 CR-022058 Roll Control Nozzle Door Redesign TI-0000-0495 CR-022105F OBIGGS & Pressure/Vent Changes for Lightning Protection TI-0000-0133 CR-022196A Filter Module, Pressure Qual Failure TI-0000-1011 CR-022226A L-Band Pre-Selector (LBPS) Calibration for Mode 5 TI-0000-0802 CR-022695 CTOL Main Landing Gear TI-0000-0703 CR-022515A Roll Post Door Actuator Life Limitation TI-0000-1101 CR-022647A GMMP Controller EEE outage TI-0000-1092 CR-022666 Landing Taxi Light Redesign TI-0000-0119 CR-022736 MWARS Replacement TI-0000-0866 TBD Production Ejection Seat (-0023) TI-0000-1099 CR-022841B ATQA Mounting Bolt Interface TI-0000-0064 CR-022872 Counter Measures Door Control Valve on AF:6 TI-0000-0158 CR-022877 WBDD Flexible Cable Re-design TI-0000-0191 CR-024623 270V BCCU TI-0000-0574 CR-023121B/D Electronics Units Modifications TI-0000-1485 CR-023282CA F1 Feed Tank Gasket TI-0000-1540 CR-023332A CV Rudder Hinge 2 TI-0000-1372 CR-023355D EW Block-2 DRFM Module Firmware Issue TI-0000-1652 CR-023599 Rudder Slider Hinge Wear TI-0000-1654 CR-023712 CV Right Hand (RH) Center Fuselage Avionics Bay Floor TI-0000-2548 CR-023712 CV Center Fuselage FS 402 Outboard Joint Limited Life TI-0000-2551 CR-024031 L-Band Power Amplifier (LBPA) Update for LINK-16 TI-0000-1709 CR-024114 Carrier Variant Marker Beacon Antenna TI-0000-2513 CR-024153 CV IPP Shear Web Limited Life TI-0000-1207 CR-024162 Vehicle Management Computer (VMC) Electrical Connection Issue TI-0000-0441 CR-20773A CTOL FS 594 Centre Arch Low Life TI-0000-1549 CR-023540A Firmware Update for AMS Cartridge Reset SPAR TI-0000-0405 CR-23769 EDU Random Vibration Failures TI-0000-0702 CR-24090 CV Fwd Arresting Gear Door Actuator Life Limitation TI-0000-2554 CR-24872 J84001 Fiber Optic Inspection Set Extension Handle DR?S TI-0000-0122 TBD 28V Battery and Charger Changes TI-0000-0129 TBD MLG Control Valve Part Number Roll TI-0000-0709 CR-022768D HT EHA Block Change for LRIP 4 TI-0000-0282 TBD Update to Audio Control Electronics (ACE) Unit		

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Exhibit P-3a, Individual Modification: PB 2016 Air Force		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2	P-1 Line Item Number / Title: F03500 / F-35 Modifications	Modification Number / Title: 3 / Concurrency
TI-0000-0469 TBD Composite BOS 2ZCH42000-0002 Assemblies TI-0000-0583 TBD CTOL/STOVL Rudder EHA Design Change TI-0000-0906 TBD NLG Lug Inspection and Support Stiffener TI-0000-1097 CR-022972 Ball Joint Salt Fog Failure TI-0000-0913 TBD LEFAS PDU Resolver and Rotor Shaft Seal Life TI-0000-1113 CR-024000 AESG Power Connector Rating (Generator) TI-0000-1256 TBD CV Nose Landing Gear Drag Brace Door Cracking TI-0000-1396 TBD HTCA with End Gland Material Issue TI-0000-0336 CR-024982 Panoramic Cockpit Display (PCD) Major Variances - DU TI-0000-0343 CR-024982 Panoramic Cockpit Display (PCD) Major Variances - EU TI-0000-0480 CR-025000 ICC Qual Issues TI-0000-2784 TBD CNI 3A & 3B Integrated Backplane Assembly (IBA) Upgrades TI-0000-0221 TBD DAS Refuel Lights Lenses TI-0000-0406 CR-025271 Ordnance Hoist System (OHS) Hoist TI-0000-1102 CR-022481B BH-1 Weapons Bay Doors TI-0000-1472 TBD Gun Port Door Threads in Bearing Issue TI-0000-0329 CR-021982 Refueling Bay and Nozzle Clash LRIP 1-3 Modification TI-0000-0781 CR-023432 3BSM NBD - Assembly Changes TI-0000-1446 TBD CV Fuel Dump TI-0000-0908 CR-023802 STOVL Fuel Dump (CCDD LRIP2-051) TI-0000-1000 CR-022481 Inboard Weapon Bay Door Flipper Door Design Change TI-0000-1060 CR-022121 Final Finishes TI-0000-1078 CR-025006 AF1 Nacelle Insulation TI-0000-0180 TBD CTOL Fuel Floor Tooling Holes - Bay 207 to Gun Bay TI-0000-0787 CR-024068 HMDS Path Forward TI-0000-1048 CR-023982 Panoramic Cockpit Display-Electronic Unit (PCD-EU) TI-0000-1062 TBD CV Main Landing Gear TI-0000-1063 TBD CV Nose Landing Gear TI-0000-0284 TBD STOVL Canopy frame TI-0000-0316 TBD CTOL FS 496 Bulkhead Trunnion TI-0000-0321 TBD Lift Fan Exhaust Door Aft Uplock Hook Failure TI-0000-0467 TBD Fuel Floor - FS496-556, LH TI-0000-0468 TBD Fuel Floor - FS496-556, RH TI-0000-0486 TBD Short Life - STOVL Inner Wing FS518 Lower Bulkhead TI-0000-0543 TBD Path Forward for Outboard Rib at Station 2 and 10 TI-0000-0556 TBD STOVL Short Life Parts: Aft Mid Keel TI-0000-0638 TBD STOVL BL 0.0 Web Fwd Upper Engine Mount Support TI-0000-0813 TBD CV Life Limited Structures Part - LH/RH Pylon Sta 3 Aft Rib TI-0000-0815 TBD 2WSH24212 CV FWD Upper Engine Mount TI-0000-0816 TBD 2WSH34496 - CV FS 496 Blkhd Station 6 TI-0000-1440 TBD STOVL Thrust Mount Shear Webs TI-0000-0723 TBD EOTS PBS Startup Timeline TI-0000-0055 CR-019070 IPP Bay Vent Fan Electrical Bond TI-0000-0281 CR-020226 Hoist Point Cover FIP Proposal TI-0000-1023 CR-022936 Roll Nozzle and Duct Bay - BALD Sensors redesign TI-0000-0193 CR-021921B EW Gain State Control Logic Error		

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Exhibit P-3a, Individual Modification: PB 2016 Air Force		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2	P-1 Line Item Number / Title: F03500 / F-35 Modifications	Modification Number / Title: 3 / Concurrency
TI-0000-1365 CR-022721A Cat Launch Shock Exceeds INS PBS TI-0000-0448 TBD Add -0007 ASSCA/-0006 ATQA To Aircraft TVE TI-0000-0842 TBD 2ESH10095 CV HT Rib 5 Life Limited Structures Part TI-0000-0976 TBD BF6 and BF8 RCS ATP TI-0000-0819 TBD Liquid Cooling System Cart - Facility AC Power Interface TI-0000-1134 TBD Cabin Pressure Tester TI-0000-1198 TBD HT Heating TI-0000-0361 CR-023382 Vertical Tail 575 Fitting TI-0000-0386 CR-025191 Fuel System Major Variance for LRIP 1-Signal Amplifier TI-0000-0516 CR-022972 AAR Probe Weak Link Adaptor Re-design TI-0000-0576 CR-020289A Refuel Probe/Tailhook Emergency Control Valve TI-0000-0578 CR-020289A Aux Inlet Door Emergency Control Valve TI-0000-1082 TBD Power Panel 1 & 2 Random Vibration Failures TI-0000-1203 CR-021217 Life Limited 402 Frame TI-0000-1289 CR022737 US16E Ejection Seat/MWARS Retrofit Configuration Proposal TI-0000-1421 TBD STOVL Main Landing Gear TI-0000-1422 CR-021388A STOVL Nose Landing Gear TI-0000-1483 TBD Power Panel 3 Random Vibration Failures - Second Failure TI-0000-1486 CR-023838 STOVL FS 503 Frame/IPP Shear Web Durability Test Failure TI-0000-1515 CR-024000 ESG Service Life (Generator) -0003 TI-0000-1551 TBD 28V Battery Full Qualification TI-0000-1589 CR-023300 Hydraulic System Single Point Failure TI-0000-1786 CR-023729 FS-402 Frame (TIN-075) TI-0000-1857 TBD 2GHH42033 Time Delay Valve - Fully Qualified Part TI-0000-2467 CR-025204 CTOL FS 503 Frame Limited Life TI-0000-2468 CR-025204 CTOL IPP Shear Web Limited Life Discovery TI-0000-2641 CR-024341 STOVL - Short Shank Condition, Engine Access Panel TI-0000-2674 CR-24794 Cracking of Bifurcation Seam Treatment TI-0000-2892 CR-025079 BF5 IRCM Hinge to Drive Link Clash TI-0000-1552 TBD 28V BCCU Lightning Compliance TI-0000-2682 TBD AR Probe Light TI-0000-0884 CR-024000 AESG - Material & Workmanship TI-0000-1142 TBD Missionized Gun System Jumper Panel Hoses and Drain Seal TI-0000-1796 CR-025271 Ordnance Hoist System (OHS) Motor TI-0000-2506 TBD Gun Port Blast Mislocation TI-0000-2546 TBD Weapon bay light departing aircraft during flight TI-0000-2833 TBD Gun System Muzzle and Purge Door Time Out TI-0000-0387 CR-016910 Fuel System Major Variance for LRIP 1 - Dive Rate Performance TI-0000-1161 CR-22656 STOVL Aft MLG Door Cracking TI-0000-1518 CR-024193 PAO Cooling Orifices In Center Fuselage Cold Liquid Loop TI-0000-1783 TBD Canopy Boot Cracking TI-0000-2633 CR-024265 Flaperon Blade Seal Buckling TI-0000-2672 TBD Radome Shroud Gapping/Trimming TI-0000-2909 CR-025167 IPP Bay High Flow Air Duct Separation TI-0000-2931 TBD CV NLG Drag Brace Cylinder and Steering Motor TI-0000-0236 CR-019412 FPS Fire and Bleed Leak Controller (FBLC) Redesign		

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Exhibit P-3a, Individual Modification: PB 2016 Air Force		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2	P-1 Line Item Number / Title: F03500 / F-35 Modifications	Modification Number / Title: 3 / Concurrency
TI-0000-0260 CR-016633C Canopy Actuation System TI-0000-0738 CR-025142 Modified Fuel Dump Valve (T28a) TI-0000-0772 TBD PTMS Turbomachine/ACCM Cable Interface Changes TI-0000-0327 TBD STOVL High Sea State Fuel Stowage - Rev B to CR-016712A TI-0000-0737 TBD IPP Purge Issue Due to Low Fuel Shutdown TI-0000-1650 CR-022737 MWARS for Production Seat TI-0000-1653 CR-23490 Ground Maintenance Valve Deletion to Prevent PAO in Cockpit(DR 1-4815699) TI-0000-2416 TBD CV Drag Strut - Alt Gear Extension TI-0000-2450 CR-023901 Bleed Air Sensor Fitting Galling TI-0000-2635 TBD CV NLG Interference Problems - OBOGs routing TI-0000-2725 CR-024162 Vehicle Management Computer (VMC) TI-0000-2834 CR-024904 Boarding Ladder Cracks TI-0000-2889 TBD WBDDS Supplier Disclosure on Lower Breakaway Torque TI-0000-0771 CR-16464B Install Battery into CNI Rack 3A and 3B TI-0000-0945 TBD CTOL Audio Control Electronics (ACE) In-Flight Refueling TI-0000-1056 CR-016660C RADAR 1A & 1B Racks -0002 Cut-in TI-0000-2818 CR-025046 EOTS LoS Pointing Angle TI-0000-1093 CR-023616 CV Arresting Gear TI-0000-0358 TBD Production Ejection Seat (-0021) TI-0000-0514 TBD Lift Fan Inlet Maintenance Fix TI-0000-0579 TBD Auto Pilot TI-0000-1520 TBD CV Nose Landing Gear Aircraft Integration TI-0000-1761 TBD HT EHA Solenoid Valve (SOV) Qual Test Failure TI-9999-0655 TBD EO DAS Center Fuselage Vibration Testing TI-0000-0730 TBD CV Rudder EHA TI-0000-0833 CR-021053 Short Shank Condition on Engine Inspection Panels TI-0000-1122 TBD LEFAS Foldbox Lug Cracking TI-0000-1192 TBD CTOL Thrust Mount Shear Web TI-0000-1494 TBD PTMS Turbomachine Configuration to Correct Qualification Failures TI-0000-1499 TBD FS 472 Bulkhead Crack BH-1 TI-0000-1541 TBD CV HT LOWER SKIN BOLTS SD-2013-010 TI-0000-1649 TBD CV LEFAS Asymmetry Brake Lug Cracking TI-0000-1655 CR-024025 STOVL Right Hand(RH)and Left Hand(LH)Rear Spar Lower Flange Fatigue Cracks TI-0000-2423 TBD CV Lower FS 518 Design Change TI-0000-2448 CR-023966A CV Thrust Mount Shear Web - Service Life TI-0000-2670 TBD Durability Findings 2013 - Bulkhead FS 496 TI-0000-2813 TBD Durability Findings - FS 450, 472, 556, 518 Lower and IRCM Fitting TI-0000-2814 TBD Durability Findings 2013 - FS 575 Center Arch Frame TI-0000-1104 TBD CTOL Ventilation Leakage from Bay 207L TI-0000-0992 CR-013553 Outboard Vertical Tail Seal Redesign TI-0000-0904 CR-021759 Backup Radio Guide Pin Misalignment TI-0000-1053 CR-022138 Fire Suppression Bottle Low Clearance TI-0000-2675 TBD Roll Nozzle Bay - BALD Sensors - Supplier Disclosure TI-0000-2921 CR-025116 Gun Vent Door Unpainted Brackets TI-0000-0485 TBD J12003 Ejection Seat Stand Design Issues TI-0000-0660 TBD J26007 LF Driveshaft		

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Exhibit P-3a, Individual Modification: PB 2016 Air Force		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2	P-1 Line Item Number / Title: F03500 / F-35 Modifications	Modification Number / Title: 3 / Concurrency
TI-0000-0799 TBD Canopy Sling TI-0000-1337 TBD DR 1-2076141 Tool Boxes not within weight standards TI-0000-1338 TBD DR 1-2565051 Tool Set Shipboard FOD Hazard TI-0000-1629 TBD Deployable Mission Rehearsal Trainer #1 TI-0000-1658 TBD Changes to Support Turning on AMC's Algorithms in ALIS TI-0000-2440 TBD J26035 Adapter, Drive Shaft Compression Galling issue TI-0000-2699 CR-023093C Fibre Channel Switch Design Issues -0005 TI-0000-2797 TBD SE Weight Label and Forklift Provisions TI-0000-2954 TBD STOVL NLG EEE Failure TI-0000-1408 TBD AEL, Aft Sector TI-0000-2865 TBD TR2 - SP-SPIO Issue TI-7777-0004 CR-013644D MLG Strut Redesign TI-7777-0007 CR-015718A OBOGS Plenum HEPA Filter Provisioning TI-7777-0010 CR-016660B Radar Harness Redesign TI-7777-0024 CR-018697 Gun Gas Purge & Gun Port Door Actuators TI-7777-0031 CR-018544 Brake Control Electronic Unit Update TI-7777-0042 CR-018487A Return Fuel Cooler HX Coating TI-7777-0057 CR-018378 Nacelle Fan - Full Qualified Configuration TI-7777-0077 CR-009382B Small Diameter Bomb (SDB) Rack Strut TI-7777-0081 CR-014768E 270V BCCU Change TI-7777-0083 TBD EHAS/LEFAS -0011 EU & Rack Config Update TI-7777-0084 CR-016708A ACCM Filter Pin TI-7777-0085 CR-016758A Replacement of Door Actuator Lock Assemblies TI-7777-0087 CR-016909A Flaperon EHA Pump Design Change TI-7777-0089 CR-017095 Avionics Bay Environmental Seal Change TI-7777-0093 CR-017505 Flow Sensor EMI/Vibration TI-7777-0095 CR-017773 Manual Drive Unit TI-7777-0097 CR-017937A IEU Lightning Compliance TI-7777-0098 TBD CTOL Structure Redesign for Updated Gun Loads TI-7777-0101 CR-15956A NLG Down Lock Actuator TI-7777-0102 CR-016633C Canopy Actuation System TI-7777-0106 CR-016912 WBD Fwd Uplock Roller Bracket Milestone/Development Status DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES For the F-35 program, the discovery of new concurrency changes phases out with the completion of SDD.		

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Exhibit P-3a, Individual Modification: PB 2016 Air Force								Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2				P-1 Line Item Number / Title: F03500 / F-35 Modifications				Modification Number / Title: 3 / Concurrency					
Models of Systems Affected: F-35A				Modification Type: Other				Related RDT&E PEs: 0604800F					
Financial Plan	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Modification Item 1 of 1: Concurrency													
A Kits													
Recurring													
Concurrency:INSTALL KITS Group A (Active)	- / 74.232	- / 60.496	- / 101.290	- / 12.730	- / -	- / 12.730	- / 226.033	- / 276.906	- / 248.625	- / 250.078	- / -	- / 1,250.390	
Subtotal: Recurring	- / 74.232	- / 60.496	- / 101.290	- / 12.730	- / -	- / 12.730	- / 226.033	- / 276.906	- / 248.625	- / 250.078	- / -	- / 1,250.390	
Subtotal: Concurrency	- / 74.232	- / 60.496	- / 101.290	- / 12.730	- / -	- / 12.730	- / 226.033	- / 276.906	- / 248.625	- / 250.078	- / -	- / 1,250.390	
Subtotal: Procurement, All Modification Items	- / 74.232	- / 60.496	- / 101.290	- / 12.730	- / -	- / 12.730	- / 226.033	- / 276.906	- / 248.625	- / 250.078	- / -	- / 1,250.390	
Support (All Modification Items)													
ICS-Labor	- / -	- / -	- / 3.500	- / 5.250	- / -	- / 5.250	- / 7.875	- / 9.810	- / 7.720	- / 9.213	- / -	- / 43.368	
OTHER GOVT	- / -	- / -	- / 0.300	- / 0.400	- / -	- / 0.400	- / 0.500	- / 0.500	- / 0.500	- / 0.500	- / -	- / 2.700	
Subtotal: Support	- / -	- / -	- / 3.800	- / 5.650	- / -	- / 5.650	- / 8.375	- / 10.310	- / 8.220	- / 9.713	- / -	- / 46.068	
Installation													
Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total													
Total Cost (Procurement + Support + Installation)	74.232	60.496	105.090	18.380	-	18.380	234.408	287.216	256.845	259.791	-	1,296.458	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2016 Air Force					Date: February 2015		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 2		P-1 Line Item Number / Title: F03500 / F-35 Modifications			Modification Number / Title: 3 / Concurrency		
Modification Item 1 of 1: Concurrency							
Manufacturer Information							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Org/Intermediate					Installation Quantity: 0		